



RECEIVED

JUL 11 1990

PATENT

GROUP 250

7/a  
7-13-90  
f.p.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of  
Shepherd, et al.

Serial No. 07/313,911

Filed: February 23, 1989

For: METHOD AND APPARATUS FOR  
DIRECT MEASUREMENT OF  
HEMOGLOBIN SPECIES IN  
WHOLE BLOOD

§  
§  
§  
§  
§  
§  
§  
§  
§  
§

Examiner: R. Rosenberger

Group Art Unit: 255

Atty. Dkt: UTSK:097/BAH

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
first class mail in an envelope addressed to: Commis-  
sioner of Patents and Trademarks, Washington, D.C.

20231, on July 3, 1990

(Date of Deposit)

David D. Bahler

Name of applicant, assignee, or  
Registered Representative

Signature

July 3, 1990

Date of Signature

AMENDMENT

Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

Sir:

Responsive to the Office Action of April 3, 1990, Applicants respectfully submit the following amendment and remarks. Reconsideration of Examiner's rejection is respectfully requested. Further, Applicants request Examiner to initial and return a copy of form PTO-1449 submitted July 7, 1989.

IN THE CLAIMS:

Please amend claims 1, 12, 13 and 14 as detailed below.

1. (Amended) A method of determining concentrations of [a plurality of] constituent components of whole undiluted blood, including:

generating a plurality of radiation frequencies each deter-  
mined to minimize the effect of radiation scattering and